End of topic check list for CELL DIVISION

Tick as appropriate:

RED : I do not know about this

AMBER: I have heard about this but have not learned this yet. I am unsure on this.

GREEN: I have heard about this and I have learned this. I am confident about this.

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| Topic | RED | AMBER | GREEN |
| 1. Mitosis results in genetically identical daughter cells. |  |  |  |
| 1. Students should appreciate the significance of mitosis in growth, cell replacement / regeneration, and asexual reproduction. |  |  |  |
| 1. Students should understand the behaviour of chromosomes during interphase and the main stages of mitosis -, prophase, metaphase, anaphase and telophase. |  |  |  |
| 1. Students should be able to recognise the mitotic stages from diagrams, prepared slides and photographs |  |  |  |
| 1. Meiosis occurs during sexual reproduction, when it is important that haploid gametes are produced. |  |  |  |
| 1. Meiosis produces four genetically different cells and involves two consecutive divisions. |  |  |  |